

## ECS Configuration Change Request

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Page(s)

1. Originator Jeff Walter	2. Log Date: <b>06/11/03</b>	3. CCR #: <b>03-0418</b>	4. Rev: —	5. Tel: 757-864-9132	6. Rm #: 2303-L	7. Dept. SAIC
8. CCR Title: DPREP not flagging errors during orbits						
9. Originator Signature/Date Jeff Walter /s/ 06/11/03			10. Class II	11. Type: CCR	12. Need Date: 07/28/03	
13. Office Manager Signature/Date Vertley Hopson /s/ 6/12/03			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist):			17. Schedule Impact:		18. CI(s) Affected:	
19. Release Affected by this Change: 6A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: NCR #37769						
23. Problem: (use additional Sheets if necessary) MISR noticed DPREP was not flagging errors during orbits which TERRA had lost point accuracy. This was a problem for the MISR geo-location algorithms. Robert Kummerer, the developer, was in communications with the MISR team about this issue. An experimental executable and ODL were provided to LaRC for testing.						
24. Proposed Solution: (use additional sheets if necessary) LaRC found an executable and ODL combination that solved the problem with FddAtt DPREP PGE. This should be baselined.						
25. Alternate Solution: (use additional sheets if necessary) N/A						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) This will impact geo-location accuracy for orbits where TERRA pointing accuracy was off.						
27. Justification for Emergency (If Block 15 is "Emergency"): LaRC need to reprocess DPREP at the same time the MISR reprocessing for year 2000. This will start August 1, 2003.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): G. G. Gavigan, Jr. /s/ 6/24/03		Disposition: <b>Approved</b> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				